

Current Science Index

Volume 70, Issues 1-18, 1984-85
First number indicates issue;
second number, page.

ACCELERATOR, 5:10, 17:6-8
acid, lakes, 6:14; rain, 2:4
adaptation, 13:8-9
air conditioning, with ice, 18:12
aircraft, airflow, 7:12; human-powered, 9:14; ice coating, 7:14
air pollution, 8:12, 15:10
alcohol, 3:6-7
allergies, chemical, 1:3; pollen, 4:11
alligator, 6:4-5
amputee runner, 17:14
anemia, aplastic, 18:10
anesthetics, effects of, 12:11
animal, adaptation, 13:8-9; conservation, 12:4-5; intelligence, 2:6-7; rights, 6:4-5, 7:4-5; size, 16:8-9 (See also names of individual animals.)
antibodies, 1:3
antidotes, spider bites, 8:14
apple, sturdiness test, 4:13
Aqualung, 4:4
astronaut, exercise, 9:13; teacher, 10:13; visits school, 1:9
atom smasher, 5:10, 17:6-8

BACTERIA, citrus canker, 9:4-5; frost-resistant, 5:8-9; indicator, of gold, 18:13
baseball, batting, 1:14
bats, 3:9, 18:4-5
battery, aircraft, 9:14; potato, 11:8; zinc-carbon, 6:6
batting, improving, 1:14
beach erosion, 13:12
bees, pollution trackers, 16:14; world's largest, 2:3
beetle, lucanid, 16:13
Bhopal, India, 13:6-7, 14:12
bike, alarm, 6:6; Olympic, 4:9
birds, food-storing, 8:8; spiders, 15:3
bitter substance, 1:14
bleeder's disease, 17:10
blood, clots, 15:13; disease, 17:10; in kidney, 9:6-8
blushing, causes of, 16:13
body, value of human, 3:14
boxing, ban on, 12:12
brain, boxing injury to, 12:12; dreams, 10:4-5; handedness, 7:12
breakdancing, 6:11
breathing, 4:4-5, 7:3

CAMERA, filmless, 3:14
cancer, advances in, 12:6-7, 14:13-14; cigarettes, 8:11; in fish, 3:12; vaccine for, 18:13
carrying capacity, of land, 16:4-5
cars, turbochargers, 9:9
Caspian Sea, 14:13
cat, 18:13
catfish, with cancer, 3:12
cell, division, 5:7; fat, 9:11
chemical disasters, 13:6-7
chips, computer, 3:4-5
cholesterol, effects of, 4:10
cigarette smoking, 8:11
clam, giant, 16:3
cloning, 5:7
clouds, formation of, 8:10

cocaine, 1:6-7
cockroaches, new insecticide for, 10:10
coffee, helps asthmatics, 5:14
cold weather, record, 16:7
cold, viruses, 8:14
coma, 7:10
comets, 6:14, 15:8-9
computer, chips, 3:4-5; in schools, 14:6-7; in sneaker, 18:11; police, 15:14
conservation, animal, 12:4-5
continental drift, 8:13-14, 17:9
cornea transplant, 1:14
corrosion, Liberty Bell, 12:14; Statue of Liberty, 18:7
cough, cure for, 6:13-14
cretinism, 7:3
crocodile, 13:8-9

DEFENSE SYSTEM, future U.S., 17:7
dentist, fear of, 2:9
desertification, 16:4-5
diamonds, world's largest, 12:8
dinosaurs, 5:13, 7:9
dirt, eating, 4:3
disease, citrus canker, 9:4-5; flulike, 14:14; koalas, 9:12
dogs, counting, 18:3; drug sniffers, 1:7; guard, 17:4-5; Hearing Ear, 17:4-5
dolphins, beached, 12:14
dreams, research, 5:3; meaning of, 10:4-5
drift, continental, 17:9
drought, 11:7
drugs, alcohol, 3:6-7; heroin cure, 11:12; teen use of, 1:6-7, 15:12-13

EARTHQUAKES, 2:12, 8:14, 18:9
eclipse, of Pluto's moon, 17:12; solar, 1:13; teacher's photos of, 5:13
eggs, beating whites, 11:12
election results, student, 5:14
electricity, from potato, 11:8; solar power, 12:13
elephants, 13:8-9
El Niño, 3:10
embryo, human, 2:11; millionaire, 5:9
endangered species, saving, 12:4-5
erosion, beach, 13:12; Mount Fuji, 12:12; soil, 15:13, 16:4-5; topsoil, 11:7
escalators, depth perception, 10:3
ESP, 3:11
eyes, depth perception, 10:3; frog, 9:12; glasses, 13:12-13; test, 11:14; video games, 13:14

FAT, cells, 9:11
faucet, light beam, 7:14
fence, slanted, 1:12
fertilization, mammalian, 5:6-7
firefly, 2:13
fires, combustion research, 10:12; forest, 4:11; whirl, 15:12
fish, 7:12
food, shortages of, 11:7
football, machine, 6:14
forces, 5:11
forests, effects of acid rain, 2:4-5
fossil, dinosaur, 7:9; human, 8:3, 9:14;

whale, 2:10
fossilization, 2:10;
frog, development of, 13:8-9; eyes, 9:12; thumping, 18:4-5
frost-resistant bacteria, 5:8-9
frozen boy, 16:12
future, *Weekly Reader* survey, 11:10-11

GALILEO, space probe, 3:13
gas, stoves, 6:12
gasoline, leaded, 15:10
genetic engineering, 5:6-7
geyser, formation of, 4:8
glacier, rapidly moving, 17:13
goiter, 7:3
goldfish, social behavior, 12:13
gorilla, Koko, 15:4-5
gravity, balance, 14:11; in space, 12:10; map, 14:13
Great Salt Lake, 4:13, 13:12
grizzly bears, 6:4-5
groundhog, rabid, 3:3
growth hormone, 5:7, 14:14

HALL PASS, electronic, 6:6
Halley's comet, 6:14, 15:8-9
handicap, child, 2:11; deafness, 8:4-5, 13:12-13; student, 11:6
hearing aid, 8:4-5, 13:12-13
heart, artificial implants, 11:13, 13:4-5; balloon treatment, 10:11; effect of cigarettes on, 8:11; recipient of, 18:14; transplant, 11:4-5
Heimlich maneuver, 5:12, 7:13
hemophilia, 17:10
herpes, 15:6-7
hiccups, 17:3
histamines, 1:3
hologram, 16:10
honeybee, 2:6
hormone, growth, 5:7, 14:14
human, fossils, 9:14; frozen, 8:3; power, 9:14; tallest, 13:3
hunger, in U.S., 17:13

ICE, air conditioning, 18:12; rime, 3:12
implants, artificial heart, 11:13, 13:4-5; cochlear, 8:4-5
industrial safety, 13:6-7
insects (See individual names.)
intestine, diseases of, 14:10
inventors, student, 6:6-7, 18:14
lo, snow on, 4:12

JADEITE, 16:13
jaguars, endangered, 12:4-5
jeans, tight, 1:13
jet fuel, antiflame research, 12:9
Jupiter, red spot on, 2:12

KELP, 18:12
kidney, close-ups of, 9:6-8; stones, 13:14; transplant, 11:4-5
koala, disease, 9:12
Koko, 15:4-5

LARYNGITIS, 14:3
 larynx, human, 16:11
 laser, telephone, 8:9; weapons, 17:6-8
 lead, in gasoline, 15:10
 Leaning Tower of Pisa, 14:12
 Liberty Bell, conservation of, 12:14
 Lichtenberg, Dr. Bryon, 1:9
 light, effect on milk, 1:12; on faucet, 7:14;
 transmission of, 8:9
 lightning, 7:10
 lipstick, new, 18:13
 liver, transplant, 11:4-5
 lung, air sacs, 18:10

MADD (Mothers Against Drunk Drivers), 3:7
 magnetism, effects on animals, 12:14;
 in trains, 1:10
 management, of wild animals, 6:4-5
 Mars, face on, 16:14
 matter, new form of, 1:12
 messages, in space, 2:12
 methyl isocyanate, 13:6-7
 metrics, 9:12
 microprocessor, 3:4-5
 milk, birds drink, 6:12; effect of light
 on, 1:12
 minerals, jadeite, 16:13
 mirror, electronic, 17:13
 mole rat, 4:11
 money, counterfeit-proof, 16:10
 monkeys, howler, 1:12; in water, 13:8-9
 monster movies, 16:8-9
 moon, base, 10:12; effect on people,
 11:3; lo, 4:12; mining on, 10:13
 Mount Fuji, erosion of, 12:12
 mushrooms, 14:8-9
 mystery photos (See p.16 of each issue.)

NERVE CELLS, 3:7
 neurotransmitter, 12:11
 Nobel Prize, 9:12-13

OBESITY, 9:11
 ocean currents, 3:10, 18:13
 oldest plant, 17:12
 Old Faithful, 4:8
 oncogene, 12:6-7

PAINTING, astronomy in, 16:12
 panda, attack by, 13:13; rescue of,
 2:13-14; stillborn, 4:12
 Patterson, Dr. Francine, 15:4-5
 pepper, anticrime spray, 1:14
 peregrine falcon, 6:12
 perpetual motion machine, 13:11
 photons, 2:8
 photos, student, 17:14
 pig, saves boy's life, 12:3
 pigeons, carry information, 3:13;
 intelligence, 2:7
 pilot whale, 4:10
 planet, Mars, 16:14; new, 10:9, 13:10
 plant, as battery, 11:8; disease, 9:4-5;
 marine, 18:12; oldest, 17:12; "suicide,"
 7:13-14; stress, 6:12-13; survival,
 14:8-9
 plastic, conducts electricity, 2:13; film,
 4:10; in X rays, 3:12; scents in, 17:11;
 tent, 10:14
 plate tectonics, 8:13-14, 17:9
 PNP deficiency, 5:6

poison, spiders, 8:14
 pollution, air, 3:12, 8:12, 10:6-8, 13:6-7,
 15:10; water, 10:6-8, 14:12
 potatoes, power clock, 11:8

QUASARS, 5:12
 quicksand, 6:10

RABIES, 3:3
 radio, solar-powered, 12:13
 reproductive system, in horse, 1:8
 rift, Rio Grande, 17:9
 river, disappears, 3:14
 robots, meter reader, 16:12; working, 7:11
 rocks, deep in Earth, 9:10
 runner, amputee, 17:14

SADD (Students Against Driving Drunk), 3:7
 satellite, quake-detecting, 2:12
 Savitskaya, Svetlana, cosmonaut, 4:12
 scents, in plastics, 17:11
 school, computer use in, 14:6-7
 Schroeder, William, 13:4-5
 sci-triv, game, 15:11
 scorpion, 18:4-5
 sea lions, 14:12
 sea turtle, 12:4-5
 seal, behavior of, 5:14; clubbing of, 16:14
 seaweed, artificial, 13:12
 seismic waves, animal detection of, 18:4-5
 sensing, animal, 18:4-5
 sharks, attack humans, 11:9
 shuttle, 12:10
 sign language, 15:4-5
 sinking, Venice, 15:13-14
 size, of animal related to function, 16:8-9
 skin, artificial, 6:8-9; burns, 11:14
 smell, 7:14, 17:11
 smoking, 8:11
 sneaker, computerized, 18:11
 sneezing, colds, 8:14; sunlight reflex,
 12:14
 snoring, 4:14
 soil, erosion, 11:7
 solar cells, airplane, 11:13-14; radio,
 12:13; vehicle, 8:13; village, 5:12
 solar system, new, 10:9
 space, junk, 14:12; living in, 3:13-14;
 record, 5:14; sail ship, 2:8; shuttle,
 7:6-7, 12:10; solar system, 10:9; study,
 7:12-13; teacher-astronaut, 7:8, 10:13;
 weapons, 17:6-8
 spaceship, strikes Earth, 4:12
 spider, bird-eating, 15:3, 12; poisonous,
 8:14; webs, 13:13-14
 starvation, in Africa, 16:4-5
 "Star Wars," 17:6-8
 Statue of Liberty, repair of, 14:13, 18:6-7
 stress, in plant, 6:12-13
 student, heroes, 7:13, 10:13, 15:14;
 inventions, 13:11
 subatomic particles, 5:10, 17:6-8
 sun, causes sneezing, 12:14
 sunglass syndrome, 3:13
 surveillance, electronic, 4:13
 sweetener, new, 17:12
 swimming, dissolves teeth, 2:14

TEACHER-ASTRONAUT, 7:8, 10:13,
 17:14
 teen, drinking, 3:6-7

teeth, bonding of, 7:13; cavities in, 10:12,
 18:13; dissolving of, 2:14; drilling of,
 9:13-14
 telepathy, 3:11
 telephones, airplane, 10:14; glass
 fiber, 8:9
 telescopes, in space, 8:12-13; radio,
 11:12
 tenosynovitis, 4:7
 tonsillitis, 1:11
 tornadoes, 1:4-5, 5:13
 train, magnetic, 1:10
 transplant, embryo, 10:14; heart, 11:4-5,
 6:14; marrow, 18:10; zebra embryo, 1:8
 tree antenna, 18:8
 trivia game, 15:11
 turtles, saving of, 6:3, 12:4-5
 TV antenna, 18:8

UFO's, 8:6-7
 underwater breathing system, 4:4-5
 universe, age of, 15:13

VACCINE, multiple, 2:12
 Van Gogh, Vincent, 16:12
 Venice, sinking, 15:13-14
 video games, health problems, 4:6-7,
 13:14; improve coordination, 5:14
 viruses, 5:8, 14:14
 vitamin, airlift of, 18:12
 vocal cords, 14:1
 voice, change, 16:11
 volcano, Mount Fuji, 12:12; U.S., 5:4-5

WATER, Caspian Sea, 14:13; limited
 resource, 10:6-8; pollution, 10:6-8
 weapons, of the future, 17:6-8
 weather, clouds, 8:10, 15:14; predictions,
 11:13, 14:4-5; record cold, 16:7;
 unusual, 3:10, 5:12; winds, 9:13
 weight, in space, 12:10
 whale, beached, 12:14; fossil, 8:12-13;
 rescue, 11:14; song, 15:14
 whooping crane, 12:4-5
 wind, generator, 17:12
 wolf, raises boy, 18:12; tracks, 6:13

ZEBRA, born to horse, 1:8
 zoo, Urban Man in, 9:3

Current Science

Subscriber Services

For fast service regarding change of address, ordering information, questions, or problems, call our toll-free ServiceLine 9 a.m. to 11:30 a.m. or 1:30 p.m. to 3 p.m. Eastern time.

1-800-848-1882

Or write: *Current Science*

Subscriber Services, P.O. Box 16673, Columbus, OH 43216

